

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

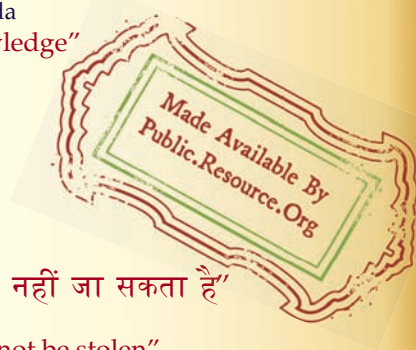
IS 11159-1 (1985): General classification of lubricants, industrial oils and related products, Part I: Class L [PCD 3: Petroleum, Lubricants and their Related Products]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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*Indian Standard***GENERAL CLASSIFICATION OF LUBRICANTS,
INDUSTRIAL OILS AND RELATED PRODUCTS****PART 1 CLASS L****1. Scope**

1.1 This standard prescribes a general classification system for lubricants, industrial oils and related products, designated by the prefix letter 'L'.

1.2 In Table 1, 18 families of products are listed which are further subdivided according to their application in order to cover, as far as possible, all the applications in this class.

1.3 The detailed classification of each family will be successively given in subsequent parts which are under preparation.

**TABLE 1 CLASSIFICATION OF LUBRICANTS, INDUSTRIAL OILS AND RELATED PRODUCTS:
SUBDIVISION IN FAMILIES ACCORDING TO APPLICATION**

(Clause 1.2)

Code Letter	Application
A	Total loss systems
B	Mould release
C	Gears
D	Compressors (including refrigeration)
E	Internal combustion engine
F	Spindles, bearings and associated clutches
G	Slideways
H	Hydraulic systems
M	Metal working
N	Electrical insulation
P	Pneumatic tools
Q	Heat transfer
R	Temporary protection against corrosion
T*	Turbines
U	Heat treatment
X	Applications requiring grease
Y	Other applications
Z	Steam cylinders

*This class covers both gas turbines and steam turbines, differentiation being made at a further stage of the classification.

2. Explanation of Symbols

2.1 The detailed classification of a family is established by defining the categories of products which are required for the main applications of the family. Each detailed classification is presented in a standard format applicable to all the families of class L for which a detailed classification is desired.

2.2 Each category is designated by a symbol consisting of a group of letters, which together constitute a code.

Note — The first letter of this code identifies the family of the product considered, but any following letters taken separately have no significance of their own.

IS : 11159 (Part 1) - 1985

2.3 The symbolization of each product can, according to future need be supplemented by the addition of viscosity grades according to IS : 9466-1980 'Viscosity classification for industrial liquid lubricants' or NLGI (National Lubricating Grease Institute, USA) grades for greases.

2.4 In this classification system, products are designated in a uniform manner. For example, a particular product may be designated in complete form, that is IS-L AN 32, or in an abbreviated form that is L AN 32, the number indicating the viscosity according to IS : 9466-1980.

EXPLANATORY NOTE

The classification described in this standard is intended for the guidance to the consumers and manufacturer of lubricants, industrial oils and related products.

While preparing this standard considerable assistance has been derived from ISO 6743 (Part 0) issued by the International Organization for Standardization (ISO).